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Datasheet for ABIN6964383
CD1d Protein (Fc Tag)

Overview

Quantity:	100 µg
Target:	CD1d (CD1D)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD1d protein is labelled with Fc Tag.

Product Details

Sequence:	CD1D (Gln20-Ser301)+hFc(GLU99-ALA330)
Characteristics:	Tagged Protein: C-Human Fc tag
Purification:	affinity purification

Target Details

Target:	CD1d (CD1D)
Alternative Name:	CD1D (CD1D Products)
Background:	<p>Synonymes: CD1A, R3, R3G1</p> <p>Description: This gene encodes a divergent member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of primarily lipid and glycolipid antigens of self or microbial origin to T cells. The human genome contains five CD1 family genes organized in a cluster on chromosome 1. The</p>

Target Details

CD1 family members are thought to differ in their cellular localization and specificity for particular lipid ligands. The protein encoded by this gene localizes to late endosomes and lysosomes via a tyrosine-based motif in the cytoplasmic tail. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2016]

Molecular Weight: 56.54 kDa

UniProt: [P15813](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Preservative: Without preservative

Storage: -80 °C

Storage Comment: Store at -80°C for 12 months (Avoid repeated freezing and thawing)

Expiry Date: 12 months